

CLAIM AMENDMENTS

Claims 1-6. (withdrawn)

7. (currently amended) An infant apparatus for providing heat to an infant, said infant apparatus comprising:

a base for supporting an infant, a heater mounted with respect to said base and adapted to direct infrared energy toward an infant supported on said base, a temperature sensor adapted to be affixed to an infant to sense the temperature of an infant and a temperature display adapted to read out the temperature sensed by said temperature sensor, said infant apparatus further having an automatic calibration system comprising:

an electrical circuit adapted to receive the signal from the temperature sensor and to provide a output signal to said temperature display to display the temperature of said temperature sensor,

means to input at least two ~~known~~ different predetermined voltage signals to said electrical circuit,

means to determine the output signals from said electrical circuit when each of said at least two voltage signals are inputted to said electrical circuit,

means to calculate the offset and span constants for said electrical circuit by using said output signals from said electrical circuit and said input voltage signals corresponding thereto, and

using said calculated constants to calibrate said electrical circuit.

8. (original) An infant warmer for providing heat to an infant as defined in claim 7 wherein said means to calculate the offset and span constants comprises a microprocessor.

9. (original) An infant warmer for providing heat to an infant as defined in claim 7 wherein said temperature sensor is a thermistor.

10. (previously presented) An infant apparatus for providing heat to an infant as defined in claim 7 wherein said electrical circuit includes an analog to digital converter to provide said output signals in digital form.

11. (previously presented) An infant apparatus for providing heat to an infant as defined in claim 10 wherein said means to calculate the span and offset constants for the electrical circuit comprises a means to input said input voltage signals and said output signals into the equation $V_o = mV_i + b$ for each of said at least two input voltage signals.

12. (original) An infant apparatus for providing heat to an infant as defined in claim 7 where in said infant apparatus is an infant warmer.

Claims 13-16. (withdrawn)